

OCT 05 2005  
U.S. PATENT AND TRADEMARK OFFICE  
152641 \$

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL for FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$ 120)
-------------------------	----------

### Complete If Known

Application Number	09/181,021
Filing Date	October 27, 1998
First Named Inventor	YASUO YOSHIOKA
Examiner Name	A. ARMSTRONG
Art Unit	2641
Attorney Docket No.	51270-245583

### METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account      Deposit Account Number: 161805      Deposit Account Name: PILLSBURY WINTHROP SHAW PITTMAN LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayment of fees(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

WARNING: Information on this form may become public. Credit Card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150.00	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

Multiple dependent claims

Total Claims > 20	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
46 - 20 = 26	x .3	= 0.00	Fee Paid (\$)	Fee (\$)	Fee Paid (\$)	Fee (\$)
HP = highest number of total claims paid for, if greater than 20						

Indep. Claims Extra Claims Fee (\$)

R - 1 + 3 Or HP = 3 x 0.00 = 0.00

HP = highest number of independent claims paid for, if greater than 3

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/50 =	(round up to a whole number)	x 250.00 =	Fee Paid (\$)

#### 4. OTHER FEE(S)

Non-English Specification, 130 fee (no small entity discount)

Other: Extension for response within first month

Fee Paid (\$)

120.00

### SUBMITTED BY

Signature	Mark R. Kendrick	Registration No. (Attorney/Agent)	48468	Telephone	213-488-7253
Name (Print/Type)				Date	October 3, 2005

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

United States Patent and Trademark Office  
- Sales Receipt -

12/27/2005 AFREEMAN 00000003 161805 09181021

01 FC:1251 120.00 DA

United States Patent and Trademark Office  
- Sales Receipt -

12/27/2005 AFREEMAN 00000004 161805 09181021

01 FC:1201 200.00 DA

**PATENT APPLICATION FEE DETERMINATION RECORD**

Substitute for Form PTO-875

Application or Docket Number

**CLAIMS AS FILED - PART I**

(Column 1)	(Column 2)	SMALL ENTITY	OIN	OTHER THAN SMALL ENTITY
FOR BASIC FEE (37 CFR 1.10(e))	NUMBER OF FEE	NUMBER OF FEE		
TOTAL CLAIMS (37 CFR 1.10(c))	Number 20 +			
INDEPENDENT CLAIMS (37 CFR 1.10(b))	Number 3 +			
MULTIPLE DEPENDENT CLAIMS PRESENT (37 CFR 1.16(d))				
		TOTAL	TOTAL	TOTAL

\* If the difference in column 1 is less than zero, enter "0" in column 2

**CLAIMS AS AMENDED - PART II**

(Column 1)	(Column 2)	(Column 3)	(Column 4)	(Column 5)	(Column 6)	(Column 7)	(Column 8)
AMENDMENT 4	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESUME EXTRA	RATE	ADDI TIONAL FEE	OIN	OTHER THAN SMALL ENTITY
Total Independent Claims	44	49		25			
Independent Claims	7	11		100			
EFFECTIVE DATE OF INDEPENDENT CLAIM (37 CFR 1.162)							
AMENDMENT 4	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESUME EXTRA	RATE	ADDI TIONAL FEE	OIN	OTHER THAN SMALL ENTITY
Total Independent Claims	46	49	26				
Independent Claims	8	11	5				
EFFECTIVE DATE OF INDEPENDENT CLAIM (37 CFR 1.162)							
AMENDMENT 4	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESUME EXTRA	RATE	ADDI TIONAL FEE	OIN	OTHER THAN SMALL ENTITY
Total Independent Claims							
Independent Claims							
EFFECTIVE DATE OF INDEPENDENT CLAIM (37 CFR 1.162)							

**Best Available Copy**

09/18/02

3/24/05

Shawn